AUTHOR INDEX

Acton, L. L., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Alting-Mees, H. R., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Aspin, C., The Royal Observatory Edinburgh (ROE) charge-coupled device (CCD) camera system, 155
Auman, J., Precision radial velocities and residual problems with Reticon arrays, 215
Ball, W. F., Charge-coupled device (CCD) detector utilization and development at Kitt Peak National Observatory, 130
Bartko, F., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Battson, D. F., Evaluation of RCA thinned buried channel charge-coupled devices (CCDs) for scientific applications, 174
Baum, William A., Subtleties in the flat-fielding of charge-coupled device (CCD) images, 24
Bautz, M. W., Optical studies of x-ray sources with the MASCOT—a charge-coupled device (CCD)-based astronomical instrument, 190
Beaver, E. A., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Blank, R. E., Image tube intensified linear and area self-scanned array detectors for astronomy, 102
Blouke, Morley M., Texas Instruments (TI) 800×800 charge-coupled device (CCD) image sensor, 6
———, Virtual phase imager for Galileo, 165
Bortoletto, F., Reticon and Digicon detectors in use at Asiago Observatory, 90
Bouere, A., Description and preliminary performance of a charge-coupled device (CCD) camera, 142
Burstein, P., Soft x-ray and XUV imaging with a charge-coupled device (CCD)-based detector, 58
Campbell, B., Precision radial velocities and residual problems with Reticon arrays, 215
Cormak, W. A., The Royal Observatory Edinburgh (ROE) charge-coupled device (CCD) camera system, 155
Cowens, Marvin W., Texas Instruments (TI) 800×800 charge-coupled device (CCD) image sensor, 6
Crane, P., The European Southern Observatory (ESO) charge-coupled device (CCD) camera system, 120
Crawshaw, D. D., Evaluation of RCA thinned buried channel charge-coupled devices (CCDs) for scientific applications, 174
Cretolle, J., Description and preliminary performance of a charge-coupled device (CCD) camera, 142
de Dreuille, C., Astronomical observations with a Fairchild 202 charge-coupled device (CCD), 138
Dewey, D., Optical studies of x-ray sources with the MASCOT—a charge-coupled device (CCD)-based astronomical instrument, 190
Dieball, D. M., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Dreux, M., Astronomical observations with a Fairchild 202 charge-coupled device (CCD), 138
Fahlman, Gregory G., Charge-coupled device (CCD): imaging systems at the University of British Columbia (UBC), 109
Fauconnier, T., Astronomical observations with a Fairchild 202 charge-coupled device (CCD), 138
Flemming, J. C., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Fort, B., Astronomical observations with a Fairchild 202 charge-coupled device (CCD), 138
———, Description and preliminary performance of a charge-coupled device (CCD) camera, 142
Fowler, A., Evaluation of the RCA 512×320 charge-coupled device (CCD) imagers for astronomical use, 34
———, Evaluations of charge-coupled device (CCD) performance for astronomical use, 28
Geary, John C., Imaging characteristics of the RCA 512×320 charge-coupled device (CCD), 51
Ginaven, R. O., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Goad, L. E., Charge-coupled device (CCD) detector utilization and development at Kitt Peak National Observatory (KPNO), 130
Gorisse, M., Description and preliminary performance of a charge-coupled device (CCD) camera, 142
Griffiths, R. E., Single photon x-ray imaging with charge-coupled devices (CCDs), 62
Gunn, James E., Care, feeding, and use of charge-coupled device (CCD) imagers at Palomar Observatory, 16
Gursky, Herbert, Impact of solid-state imaging on optical astronomy, 2
Hall, Joseph E., Texas Instruments (TI) 800×800 charge-coupled device (CCD) image sensor, 6
Harms, R. J., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Harrison, D., Soft x-ray and XUV imaging with a charge-coupled device (CCD)-based detector, 58
Herd, J. T. The Royal Observatory Edinburgh (ROE) charge-coupled device (CCD) camera system, 155
Hickson, Paul, Charge-coupled device (CCD): imaging systems at the University of British Columbia (UBC), 109
Hynecek, J., Virtual phase imager for Galileo, 165
Jaehnig, K., Observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, 180
Janesick, James R., Texas Instruments (TI) 800×800 charge-coupled device (CCD) image sensor, 6
———, Virtual phase imager for Galileo, 165
Jenkins, Edward B., Echelle spectroscopy with a charge-coupled device (CCD), 202
———, Observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, 180
Johnson, C. B., Image tube intensified linear and area self-scanned array detectors for astronomy, 102
Johnson, R., Precision radial velocities and residual problems with Reticon arrays, 215
Johnson, R. B., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Jorden, P. R., The Royal Greenwich Observatory (RGO) charge injection device camera system, 113
Jouan, R., Astronomical observations with a Fairchild 202 charge-coupled device (CCD), 138
———, Description and preliminary performance of a charge-coupled device (CCD) camera, 142
Kent, Stephen M., Imaging characteristics of the RCA 512×320 charge-coupled device (CCD), 51
———, Photometric system for charge-coupled device (CCD) imaging, 186
Kriedl, Tobias J., Subtleties in the flat-fielding of charge-coupled device (CCD) images, 24
Krieger, A., Soft x-ray and XUV imaging with a charge-coupled device (CCD)-based detector, 58
Lecomte, A., Description and preliminary performance of a charge-coupled device (CCD) camera, 142
Lee, R. W., Charge-coupled device (CCD) imaging polarimeter, 144
Lester, T., Precision radial velocities and residual problems with Reticon arrays, 215
Loh, Edwin D., Princeton observing and picture-processing equipment, 150
Long, Donald, Echelle spectroscopy with a charge-coupled device (CCD), 202
———, Evaluation of RCA thinned buried channel charge-coupled devices (CCDs) for scientific applications, 174
Loter, N. G., Soft x-ray and XUV imaging with a charge-coupled device (CCD)-based detector, 58
Lowrance, John L., Echelle spectroscopy with a charge-coupled device (CCD), 202
Lowrance, J. L., Evaluation of RCA thinned buried channel charge-coupled devices (CCDs) for scientific applications, 174
Mackay, Craig D., The British General Electric Company charge-coupled device (CCD) development program, 159

———, The Cambridge charge-coupled device (CCD) system, 160
Mak, A., Single photon x-ray imaging with charge-coupled devices (CCDs), 62
McCoy, J. G., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
McLean, Ian S., The Royal Observatory Edinburgh (ROE) charge-coupled device (CCD) camera system, 155
Meyer, S. S., Optical studies of x-ray sources with the MASCOT—a charge-coupled device (CCD)-based astronomical instrument, 190
Michels, D. J., Soft x-ray and XUV imaging with a charge-coupled device (CCD)-based detector, 58
Monet, David G., Precision astrometry and the Kitt Peak National Observatory (KPNO) 4-m/charge-coupled device (CCD) parallax program, 208
Mortara, L., Evaluation of the RCA 512×320 charge-coupled device (CCD) imagers for astronomical use, 34
———, Evaluations of charge-coupled device (CCD) performance for astronomical use, 28
Murray, S. S., Single photon x-ray imaging with charge-coupled devices (CCDs), 62
Östreicher, Roland, Photon counting 200 channel detector system for spectroscopy of emission line objects, 97
Oke, J. B., Low and moderate resolution spectroscopy with an RCA charge-coupled device (CCD), 45
Oliversen, R., Observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, 180
Polucci, G., Single photon x-ray imaging with charge-coupled devices (CCDs), 62
Renda, G., Evaluation of RCA thinned buried channel charge-coupled devices (CCDs) for scientific applications, 174
Ricker, G. R., Optical studies of x-ray sources with the MASCOT—a charge-coupled device (CCD)-based astronomical instrument, 190
Rio, Y., Astronomical observations with a Fairchild 202 charge-coupled device (CCD), 138
———, Description and preliminary performance of a charge-coupled device (CCD) camera, 142
Robinson, Lloyd B., The Lick Observatory charge-coupled device (CCD) and controller, 124
Roesler, F. L., Observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, 180
Rose, A., The European Southern Observatory (ESO) charge-coupled device (CCD) camera system, 120
Ross, D., Soft x-ray and XUV imaging with a charge-coupled device (CCD)-based detector, 58
Schabel, P., The European Southern Observatory (ESO) charge-coupled device (CCD) camera system, 120
Scherb, F., Observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, 180
Schild, R., Photometric system for charge-coupled device (CCD) imaging, 186
Schwartz, D. A., Single photon x-ray imaging with charge-coupled devices (CCDs), 62
Songaila, Antoinette, Echelle spectroscopy with a charge-coupled device (CCD), 202
Smith, R. D., Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Thomsen Bjarne, Subtleties in the flat-fielding of charge-coupled device (CCD) images, 24
Tyson, J. A., Charge-coupled device (CCD) imaging polarimeter, 144
van Breda, I. G., The Royal Observatory (RGO) charge injection device camera system, 113
Vigroux, L., Astronomical observations with a Fairchild 202 charge-coupled device (CCD), 138
———, Description and preliminary performance of a charge-coupled device (CCD) camera, 142
Vogt, Steven S., Silicon photodiode array detectors for high resolution spectroscopy at Lick Observatory, 70
Waddell, P., Evaluation of the RCA 512×320 charge-coupled device (CCD) imagers for astronomical use, 34
Walker, A. H., Charge-coupled device, (CCD): imaging systems at the University of British Columbia (UBC), 109
———, Precision radial velocities and residual problems with Reticon arrays, 215
Westphal, James A., Care, feeding, and use of charge-coupled device (CCD) imagers at Palomar Observatory, 16
Williams, T., Observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, 180
Wright, Jonathan F., The Cambridge charge-coupled device (CCD) system, 160
Yang, S., Precision radial velocities and residual problems with Reticon arrays, 215
York, Donald G., Echelle spectroscopy with a charge-coupled device (CCD), 202
———, Observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, 180
Zucchino, Paul, Echelle spectroscopy with a charge-coupled device (CCD), 202
———, Evaluation of RCA thinned buried channel charge-coupled devices (CCDs) for scientific applications, 174

SUBJECT INDEX

Applications, evaluation of RCA thinned buried channel charge-coupled devices (CCDs) for scientific, 174
Area self-scanned array detectors for astronomy, image tube intensified linear and, 102
Array detectors for astronomy, image tube intensified linear and area self-scanned, 102
Array detectors for high resolution spectroscopy at Lick Observatory, silicon photodiode, 70
Arrays, precision radial velocities and residual problems with Reticon, 215
Asiago Observatory, Reticon and Digicon detectors in use at, 90
Astrometry and the Kitt Peak National Observatory (KPNO) 4-m/charge-coupled device (CCD) parallax program, precision, 208
Astronomical instrument, optical studies of x-ray sources with the MASCOT—a charge-coupled device (CCD)-based, 190
Astronomical observations with a Fairchild 202 charge-coupled device (CCD), 138
Astronomical use, evaluation of the RCA 512×320 charge-coupled device (CCD) imagers for, 34
Astronomical use, evaluations of charge-coupled device (CCD) performance for, 28
Astronomy, image tube intensified linear and area self-scanned array detectors for, 102
Astronomy, impact of solid-state imaging on optical, 2

British Columbia (UBC), charge-coupled device (CCD): imaging systems at the University of, 109
British General Electric Company charge-coupled device (CCD) development program, the, 159

(CCD)-based astronomical instrument, optical studies of x-ray sources with the MASCOT—a charge-coupled device, 190
(CCD)-based detector, soft x-ray and XUV imaging with a charge-coupled device, 58
(CCD) camera, description and preliminary performance of a charge-coupled device, 142
(CCD) camera system, the European Southern Observatory (ESO) charge-coupled device, 120

(CCD) camera system, the Royal Observatory Edinburgh (ROE) charge-coupled device, 155
(CCD) and controller, the Lick Observatory charge-coupled device, 124
(CCD) detector utilization and development at Kitt Peak National Observatory (KPNO), charge-coupled device, 130
(CCD) development program, the British General Electric Company charge-coupled device, 159
(CCD), Echelle spectroscopy with a charge-coupled device, 202
(CCD) image sensor, Texas Instruments (TI) 800×800 charge-coupled device, 6
(CCD) images, subtleties in the flat-fielding of charge-coupled device, 24
(CCD) imagers for astronomical use, evaluation of the RCA 512×320 charge-coupled device, 34
(CCD) imagers at Palomar Observatory, care, feeding, and use of charge-coupled device, 16
(CCD), imaging characteristics of the RCA 512×320 charge-coupled device, 51
(CCD) imaging polarimeter, charge-coupled device, 144
(CCD) imaging spectrometer, observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device, 180
(CCD): imaging systems at the University of British Columbia (UBC), charge-coupled device, 109
(CCD), low and moderate resolution spectroscopy with an RCA charge-coupled device, 45
(CCD) parallax program, precision astrometry and the Kitt Peak National Observatory (KPNO) 4-m/charge-coupled device, 208
(CCD) performance for astronomical use, evaluations of charge-coupled device, 28
(CCD) system, the Cambridge charge-coupled device, 160
(CCDs) for scientific applications, evaluation of RCA thinned buried channel charge-coupled devices, 174
(CCDs), single photon x-ray imaging with charge-coupled devices, 62
Cambridge charge-coupled device (CCD) system, the, 160
Camera, description and preliminary performance of a charge-coupled device (CCD), 142
Camera system, the European Southern Observatory (ESO) charge-coupled device (CCD), 120
Camera system, the Royal Greenwich Observatory (RGO) charge injection device, 113
Camera system, the Royal Observatory Edinburgh (ROE) charge-coupled device (CCD), 155
Care, feeding, and use of charge-coupled device (CCD) imagers at Palomar Observatory, 16
Channel detector system for spectroscopy of emission line objects, photon counting 200, 97
Characteristics of the RCA 512×320 charge-coupled device (CCD), imaging, 51
Charge-coupled device (CCD), astronomical observations with a Fairchild 202, 138
Charge-coupled device (CCD)-based astronomical instrument, optical studies of x-ray sources with the MASCOT—a, 190
Charge-coupled device (CCD)-based detector, soft x-ray and XUV imaging with a, 58
Charge-coupled device (CCD) camera, description and preliminary performance of a, 142
Charge-coupled device (CCD) camera system, the European Southern Observatory (ESO), 120
Charge-coupled device (CCD) camera system, the Royal Observatory Edinburgh (ROE), 155
Charge-coupled device (CCD) and controller, the Lick Observatory, 124
Charge-coupled device (CCD) detector utilization and development at Kitt Peak National Observatory (KPNO), 130
Charge-coupled device (CCD) development program, the British General Electric Company, 159
Charge-coupled device (CCD), Echelle spectroscopy with a, 202
Charge-coupled device (CCD) image sensor, Texas Instruments (TI) 800×800, 6
Charge-coupled device (CCD) images, subtleties in the flat-fielding of, 24
Charge-coupled device (CCD) imagers for astronomical use, evaluation of the RCA 512×320, 34
Charge-coupled device (CCD) imagers at Palomar Observatory, care, feeding, and use of, 16
Charge-coupled device (CCD), imaging characteristics of the RCA 512×320, 51
Charge-coupled device (CCD) imaging, photometric system for, 186
Charge-coupled device (CCD) imaging polarimeter, 144
Charge-coupled device (CCD) imaging spectrometer, observations of the plasma torus of Jupiter with a Fabry-Perot/, 180
Charge-coupled device (CCD): imaging systems at the University of British Columbia (UBC), 109
Charge-coupled device (CCD), low and moderate resolution spectroscopy with an RCA, 45
Charge-coupled device (CCD) parallax program, precision astrometry and the Kitt Peak National Observatory (KPNO) 4-m/, 208
Charge-coupled device (CCD) performance for astronomical use, evaluations of, 28
Charge-coupled device (CCD) system, the Cambridge, 160
Charge-coupled devices (CCDs) for scientific applications, evaluation of RCA thinned buried channel, 174
Charge-coupled devices (CCDs), single photon x-ray imaging with, 62
Charge injection device camera system, the Royal Greenwich Observatory (RGO), 113
Controller, the Lick Observatory charge-coupled device (CCD) and, 124
Counting 200 channel detector system for spectroscopy of emission line objects, photon, 97

Data, faint object spectrograph (FOS) 512-channel Digicon detector performance, 81
Description and preliminary performance of a charge-coupled device (CCD) camera, 142
Detector performance data, faint object spectrograph (FOS) 512-channel Digicon, 81
Detector, soft x-ray and XUV imaging with a charge-coupled device (CCD)-based, 58
Detector system for spectroscopy of emission line objects, photon counting 200 channel, 97
Detector utilization and development at Kitt Peak National Observatory (KPNO), charge-coupled device (CCD), 130
Detectors for astronomy, image tube intensified linear and area self-scanned array, 102
Detectors for high resolution spectroscopy at Lick Observatory, silicon photodiode array, 70
Detectors in use at Asiago Observatory, Reticon and Digicon, 90
Development at Kitt Peak National Observatory (KPNO), charge-coupled device (CCD) detector and utilization and, 130
Development program, the British General Electric Company charge-coupled device (CCD), 159
Device (CCD) and controller, the Lick Observatory charge-coupled, 124
Device camera system, the Royal Greenwich Observatory (RGO) charge injection, 113
Digicon detector performance data, faint object spectrograph (FOS) 512-channel, 81
Digicon detectors in use at Asiago Observatory, Reticon and, 90

(ESO) charge-coupled device (CCD) camera system, the European Southern Observatory, 120
Echelle spectroscopy with a charge-coupled device (CCD), 202
Edinburgh (ROE) charge-coupled device (CCD) camera system, the Royal Observatory, 155
Electric Company charge-coupled device (CCD) development program, the British General, 159
Emission line objects, photon counting 200 channel detector system for spectroscopy, 97
Equipment, Princeton observing and picture-processing, 150
European Southern Observatory (ESO) charge-coupled device (CCD) camera system, the, 120
Evaluation of the RCA 512×320 charge-coupled device (CCD) imagers for astronomical use, 34

Evaluation of RCA thinned buried channel charge-coupled devices (CCDs) for scientific applications, 174
Evaluations of charge-coupled device (CCD) performance for astronomical use, 28

(FOS) 512-channel Digicon detector performance data, faint object spectrograph, 81
Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, observations of the plasma torus of Jupiter with a, 180
Faint object spectrograph (FOS) 512-channel Digicon detector performance data, 81
Fairchild 202 charge-coupled device (CCD), astronomical observations with a, 138
Feeding, and use of charge-coupled device (CCD) imagers at Palomar Observatory, care, 16
512-channel Digicon detector performance data, faint object spectrograph (FOS), 81
512×320 charge-coupled device (CCD) imagers for astronomical use, evaluation of the RCA, 34
512×320 charge-coupled device (CCD), imaging characteristics of the RCA, 51
Flat-fielding of charge-coupled device (CCD) images, subtleties in the, 24

Galileo, virtual phase imager for, 165
General Electric Company charge-coupled device (CCD) development program, the British, 159
Greenwich Observatory (RGO) charge injection device camera system, the Royal, 113

High resolution spectroscopy at Lick Observatory, silicon photodiode array detectors for, 70

Image sensor, Texas Instruments (TI) 800×800 charge-coupled device (CCD), 6
Image tube intensified linear and area self-scanned array detectors for astronomy, 102
Imager for Galileo, virtual phase, 165
Imagers for astronomical use, evaluation of the RCA 512×320 charge-coupled device (CCD), 34
Imagers at Palomar Observatory, care, feeding, and use of charge-coupled device (CCD), 16
Images, subtleties in the flat-fielding of charge-coupled device (CCD), 24
Imaging characteristics of the RCA 512×320 charge-coupled device (CCD), 51
Imaging with a charge-coupled device (CCD)-based detector, soft x-ray and XUV, 58
Imaging with charge-coupled devices (CCDs), single photon x-ray, 62
Imaging on optical astronomy, impact of solid-state, 2
Imaging, photometric system for charge-coupled device (CCD), 186
Imaging polarimeter, charge-coupled device (CCD), 144
Imaging spectrometer, observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD), 180
Imaging systems at the University of British Columbia (UBC), charge-coupled device (CCD), 109
Impact of solid-state imaging on optical astronomy, 2
Injection device camera system, the Royal Greenwich Observatory (RGO) charge, 113
Instrument, optical studies of x-ray sources with the MASCOT—a charge-coupled device (CCD)-based astronomical, 190
Intensified linear and area self-scanned array detectors for astronomy, image tube, 102

Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, observations of the plasma torus of, 180

(KPNO), charge-coupled device (CCD) detector utilization and development at Kitt Peak National Observatory, 130
(KPNO) 4-m/charge-coupled device (CCD) parallax program, precision astrometry and the Kitt Peak National Observatory, 208

Kitt Peak National Observatory (KPNO), charge-coupled device (CCD) detector utilization and development at, 130
Kitt Peak National Observatory (KPNO) 4-m/charge-coupled device (CCD) parallax program, precision astrometry and the, 208

Lick Observatory charge-coupled device (CCD) and controller, the, 124
Lick Observatory, silicon photodiode array detectors for high resolution spectroscopy at, 70
Linear area self-scanned array detectors for astronomy, image tube intensified, 102
Low and moderate resolution spectroscopy with an RCA charge-coupled device (CCD), 45

MASCOT—a charge-coupled device (CCD)-based astronomical instrument, optical studies of x-ray sources with the, 190
Moderate resolution spectroscopy with an RCA charge-coupled device (CCD), low and, 45

Objects, photon counting 200 channel detector system for spectroscopy of emission line, 97
Observations with a Fairchild 202 charge-coupled device (CCD), astronomical, 138
Observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, 180
Observatory (ESO) charge-coupled device (CCD) camera system, the European Southern, 120
Observatory (KPNO), charge-coupled device (CCD) detector utilization and development at Kitt Peak National, 130
Observatory (RGO) charge injection device camera system, the Royal Greenwich, 113
Observatory, care, feeding, and use of charge-coupled device (CCD) imagers at Palomar, 16
Observatory charge-coupled device (CCD) and controller, the Lick, 124
Observatory Edinburgh (ROE) charge-coupled device (CCD) camera system, the Royal, 155
Observatory, silicon photodiode array detectors for high resolution spectroscopy at Lick, 70
Observing and picture-processing equipment, Princeton, 150
Optical astronomy, impact of solid-state imaging on, 2
Optical studies of x-ray sources with the MASCOT—a charge-coupled device (CCD)-based astronomical instrument, 190

Palomar Observatory, care, feeding, and use of charge-coupled device (CCD) imagers at, 16
Parallax program, precision astrometry and the Kitt Peak National Observatory (KPNO) 4-m/charge-coupled device (CCD), 208
Performance for astronomical use, evaluations of charge-coupled device (CCD), 28
Performance of a charge-coupled device (CCD) camera, description and preliminary, 142
Performance data, faint object spectrograph (FOS) 512-channel Digicon detector, 81
Perot/charge-coupled device (CCD) imaging spectrometer, observations of the plasma torus of Jupiter with a Fabry-, 180
Phase imager for Galileo, virtual, 165
Photodiode array detectors for high resolution spectroscopy at Lick Observatory, silicon, 70
Photometric system for charge-coupled device (CCD) imaging, 186
Photon counting 200 channel detector system for spectroscopy of emission line objects, 97
Photon x-ray imaging with charge-coupled devices (CCDs), single, 62
Picture-processing equipment, Princeton observing and, 150
Plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, observations of the, 180
Polarimeter, charge-coupled device (CCD) imaging, 144
Precision astrometry and the Kitt Peak National Observatory (KPNO) 4-m/charge-coupled device (CCD) parallax program, 208
Precision radial velocities and residual problems with Reticon arrays, 215

Preliminary performance of a charge-coupled device (CCD) camera, description and, 142
Princeton observing and picture-processing equipment, 150
Problems with Reticon arrays, precision radial velocities and residual, 215
Processing equipment, Princeton observing and picture-, 150
Program, the British General Electric Company charge-coupled device (CCD) development, 159

(ROE) charge-coupled device (CCD) camera system, the Royal Observatory Edinburgh, 155
Radial velocities and residual problems with Reticon arrays, precision, 215
RCA charge-coupled device (CCD), low and moderate resolution spectroscopy with an, 45
RCA 512×320 charge-coupled device (CCD) imagers for astronomical use, evaluation of the, 34
RCA 512×320 charge-coupled device (CCD), imaging characteristics of the, 51
RCA thinned buried channel charge-coupled devices (CCDs) for scientific applications, evaluation of, 174
Residual problems with Reticon arrays, precision radial velocities and, 215
Resolution spectroscopy at Lick Observatory, silicon photodiode array detectors for high, 70
Resolution spectroscopy with an RCA charge-coupled device (CCD), low and moderate, 45
Reticon arrays, precision radial velocities and residual problems with, 215
Reticon and Digicon detectors in use at Asiago Observatory, 90
Royal Greenwich Observatory (RGO) charge injection device camera system, the, 113
Royal Observatory Edinburgh (ROE) charge-coupled device (CCD) camera system, the, 155

Scanned array detectors for astronomy, image tube intensified linear and area self-, 102
Scientific applications, evaluation of RCA thinned buried channel charge-coupled devices (CCDs) for, 174
Self-scanned array detectors for astronomy, image tube intensified linear and area, 102
Sensor, Texas Instruments (TI) 800×800 charge-coupled device (CCD) image, 6
Silicon photodiode array detectors for high resolution spectroscopy at Lick Observatory, 70
Single photon x-ray imaging with charge-coupled devices (CCDs), 62
Soft x-ray and XUV imaging with a charge-coupled device (CCD)-based detector, 58
Solid-state imaging on optical astronomy, impact of, 2
Sources with the MASCOT—a charge-coupled device (CCD)-based astronomical instrument, optical studies of x-ray, 190
Spectrograph (FOS) 512-channel Digicon detector performance data, faint object, 81
Spectrometer, observations of the plasma torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging, 180
Spectroscopy with a charge-coupled device (CCD), Echelle, 202
Spectroscopy of emission line objects, photon counting 200 channel detector system for, 97
Spectroscopy at Lick Observatory, silicon photodiode array detectors for high resolution, 70
Spectroscopy with an RCA charge-coupled device (CCD), low and moderate resolution, 45
Studies of x-ray sources with the MASCOT—a charge-coupled device (CCD)-based astronomical instrument, optical, 190
Subtleties in the flat-fielding of charge-coupled device (CCD) images, 24
System, the Cambridge charge-coupled device (CCD), 160
System for spectroscopy of emission line objects, photon counting 200 channel detector, 97

Texas Instruments (TI) 800×800 charge-coupled device (CCD) image sensor, 6
Torus of Jupiter with a Fabry-Perot/charge-coupled device (CCD) imaging spectrometer, observations of the plasma, 180
Tube intensified linear and area self-scanned array detectors for astronomy, image, 102
200 channel detector system for spectroscopy of emission line objects, photon counting, 97

(UBC), charge-coupled device (CCD): imaging systems at the University of British Columbia, 109
University of British Columbia (UBC), charge-coupled device (CCD): imaging systems at the, 109
Use at Asiago Observatory, Reticon and Digicon detectors in, 90
Use of charge-coupled device (CCD) imagers at Palomar Observatory, care, feeding, and, 16
Utilization and development at Kitt Peak National Observatory (KPNO), charge-coupled device (CCD) detector, 130

Velocities and residual problems with Reticon arrays, precision radial, 215
Virtual phase imager for Galileo, 165

XUV imaging with a charge-coupled device (CCD)-based detector, soft x-ray and, 58
X-ray and XUV imaging with a charge-coupled device (CCD)-based detector, soft, 58
X-ray imaging with charge-coupled devices (CCDs), single photon, 62
X-ray sources with the MASCOT—a charge-coupled device (CCD)-based astronomical instrument, optical studies of, 190